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Sealing material for solid electrolyte type fuel cell - comprises laminate of low softening pt. aluminosilicate glass and high softening pt., high-silica glass

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Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
JP 4342439	A	19921127	JP 91111711	A	19910516	199302	B
JP 94078176	B2	19941005	JP 91111711	A	19910516	199438	

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Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes
JP 4342439	A		7	C03C-008/24	
JP 94078176	B2		7	C03C-008/24	Based on patent JP 4342439

Abstract:

JP 4342439 A

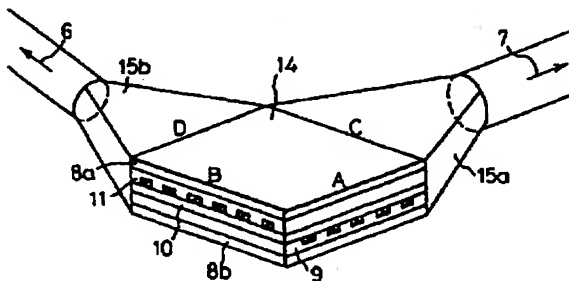
Material comprises a laminate of at least one piece of low-softening pt. glass thin film comprising aluminosilicate glass contg. silica, and alumina, having glass softening pt. of 770-950 deg.C, and at least one piece of high-softening pt. glass thin film comprising high-silica glass contg. silica and alumina, having glass softening pt. of 1450-1550 deg.C.

The fuel cell is sealed by sealing the jointing part of the cell body unit and manifold for gas pass-way while the sealing material is softening, and cooling to solidify the softened sealing part.

USE - For sealing solid electrolyte type fuel cells at lower temps.

Dwg.3/3

平板状燃料電池単電池とガス排気用マニホールドとの封着連結



14…燃料電池単電池

15a …燃料ガス排出マニホールド

15b …空気排出用マニホールド

A, B, C, D…燃料電池単電池の側面

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